

Resin equimultiple erecting lens array and producing method thereof**Patent number:** CN1103275C**Publication date:** 2000-03-29**Inventor:** TAKASHI NEMOTO HIROYUKI KISHIM (JP); KENJIRO HAMANAKA (JP)**Applicant:** NIPPON SHEET GLASS CO LTD (JP)**Classification:****- international:** B29C45/26; G02B3/00**- european:****Application number:** CN19980802892 19981224**Priority number(s):** JP19980355840 19981215; JP19970359471 19971226**Also published as:**

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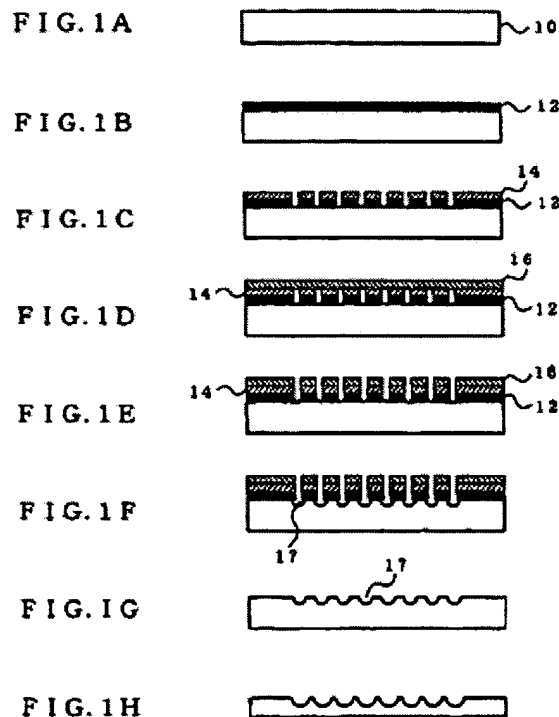
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The present invention provides a method for manufacturing an erect image, unity magnification, resin lens array by injection molding. Two injection-molded lens plates are stacked such that convexly warped sides thereof face each other or such that a convexly warped side of the lens plate whose warp is greater than that of the other lens plate faces a concavely warped side of the other lens plate, while directions of resin injection thereof are aligned so as to optically avoid the influence of molding shrinkage. Engagement spigots and engagement sockets are employed in order to align the two lens plates. The two stacked lens plates are secured by clipping of peripheral portions thereof.

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